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OM protein - protein search, using sw model

Run on: February 21, 2003, 12:31:38 ; Search time 57 Seconds
(without alignments)
3.160 Million cell updates/sec

Title: SHORT-PEP
Perfect score: 16
Sequence: 1 rw 2

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 470426 seqs, 90049985 residues

Minimum DB seq length: 0
Maximum DB seq length: 5

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Pending Patents AA.New:*
1: /cgn2_6/ptodata/2/paa/PCIT_NEW_COMB.pep:*
2: /cgn2_6/ptodata/2/paa/US06_NEW_COMB.pep:*
3: /cgn2_6/ptodata/2/paa/US07_NEW_COMB.pep:*
4: /cgn2_6/ptodata/2/paa/US08_NEW_COMB.pep:*
5: /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep:*
6: /cgn2_6/ptodata/2/paa/US10_NEW_COMB.pep:*
7: /cgn2_6/ptodata/2/paa/US60_NEW_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	16 100.0	4	1	PCIT-US02-35066-1
2	16 100.0	4	1	PCIT-US02-35066-2
3	16 100.0	4	1	PCIT-US02-35066-3
4	16 100.0	4	1	PCIT-US02-35066-4
5	16 100.0	4	1	PCIT-US02-35066-5
6	16 100.0	4	1	PCIT-US02-35066-6
7	16 100.0	4	1	PCIT-US02-35066-8
8	16 100.0	4	1	PCIT-US02-35066-9
9	16 100.0	4	1	PCIT-US02-35066-10
10	16 100.0	4	1	PCIT-US02-35066-11
11	16 100.0	4	1	PCIT-US02-35066-12
12	16 100.0	4	1	PCIT-US02-35066-13
13	16 100.0	4	1	PCIT-US02-35066-14
14	16 100.0	4	1	PCIT-US02-35066-15
15	16 100.0	4	1	PCIT-US02-35066-16
16	16 100.0	4	1	PCIT-US02-35066-17
17	16 100.0	4	1	PCIT-US02-35066-18
18	16 100.0	4	1	PCIT-US02-35066-19
19	16 100.0	4	1	PCIT-US02-35066-20
20	16 100.0	4	1	PCIT-US02-35066-21
21	16 100.0	4	1	PCIT-US02-35066-22
22	16 100.0	4	1	PCIT-US02-35066-23
23	16 100.0	4	5	US-09-763-293A-13
24	16 100.0	4	5	US-09-841-407A-2
25	16 100.0	4	5	US-09-720-278A-24
26	16 100.0	4	5	US-09-720-278A-28

27	16 100.0	4	6	US-10-099-056-2659	Sequence 2659, Ap
28	16 100.0	5	5	US-09-720-278A-1	Sequence 1, Appl
29	16 100.0	5	5	US-09-720-278A-5	Sequence 5, Appl
30	16 100.0	5	5	US-09-720-278A-23	Sequence 23, Appl
31	16 100.0	5	5	US-09-720-278A-27	Sequence 27, Appl
32	16 100.0	5	5	US-09-636-243B-56	Sequence 56, Appl
33	16 100.0	5	5	US-09-636-243B-57	Sequence 57, Appl
34	16 100.0	5	6	US-10-174-717A-43	Sequence 43, Appl
35	16 100.0	5	6	US-10-174-717A-44	Sequence 44, Appl
36	16 100.0	5	6	US-10-174-717A-46	Sequence 46, Appl
37	16 100.0	5	6	US-10-174-717A-59	Sequence 59, Appl
38	16 100.0	5	6	US-10-174-717A-67	Sequence 67, Appl
39	16 100.0	5	6	US-10-174-717A-74	Sequence 74, Appl
40	16 100.0	5	6	US-10-174-717A-76	Sequence 76, Appl
41	16 100.0	5	6	US-10-174-717A-78	Sequence 78, Appl
42	16 100.0	5	6	US-10-174-717A-80	Sequence 80, Appl
43	16 100.0	5	6	US-10-174-717A-82	Sequence 82, Appl
44	16 100.0	5	6	US-10-174-717A-84	Sequence 84, Appl
45	16 100.0	5	6	US-10-174-717A-86	Sequence 86, Appl
46	16 100.0	5	6	US-10-174-717A-88	Sequence 88, Appl
47	16 100.0	5	6	US-10-174-717A-90	Sequence 90, Appl
48	16 100.0	5	6	US-10-174-717A-92	Sequence 92, Appl
49	16 100.0	5	6	US-10-174-717A-102	Sequence 102, Ap
50	16 100.0	5	6	US-10-174-717A-104	Sequence 104, Ap
51	16 100.0	5	6	US-10-174-717A-106	Sequence 106, Ap
52	16 100.0	5	6	US-10-174-717A-108	Sequence 108, Ap
53	16 100.0	5	6	US-10-197-927-6	Sequence 6, Appl
54	13 81.2	4	5	US-09-136-159A-148	Sequence 148, Ap
55	13 81.2	4	5	US-10-136-159A-148	Sequence 148, Ap
56	13 81.2	4	6	US-09-943-120-1	Sequence 148, Ap
57	13 81.2	5	5	US-09-969-746C-19	Sequence 19, Appl
58	13 81.2	5	5	US-09-636-243B-77	Sequence 77, Appl
59	13 81.2	5	5	US-09-636-243B-78	Sequence 78, Appl
60	13 81.2	5	6	US-10-245-871-871	Sequence 871, Ap
61	13 81.2	5	6	US-10-253-286-871	Sequence 871, Ap
62	13 81.2	5	6	US-10-264-127-15	Sequence 15, Appl
63	13 81.2	4	1	PCIT-US02-21753-8	Sequence 8, Appl
64	12 75.0	4	5	US-09-720-278A-22	Sequence 22, Appl
65	12 75.0	4	5	US-09-720-278A-25	Sequence 25, Appl
66	12 75.0	4	6	US-10-121-016-77	Sequence 77, Appl
67	12 75.0	5	5	US-09-720-278A-21	Sequence 21, Appl
68	12 75.0	5	5	US-09-636-243B-645	Sequence 645, Ap
69	12 75.0	5	5	US-10-190-082-239	Sequence 239, Ap
70	12 75.0	4	1	PCIT-US02-34373-3	Sequence 3, Appl
71	12 75.0	4	1	PCIT-US02-35066-7	Sequence 7, Appl
72	12 75.0	4	1	PCIT-US02-28371-66	Sequence 66, Appl
73	11 68.8	4	1	PCIT-US02-24469-12	Sequence 12, Appl
74	11 68.8	4	1	PCIT-US02-24469-16	Sequence 16, Appl
75	11 68.8	4	1	PCIT-US02-21420-8	Sequence 8, Appl
76	11 68.8	4	1	PCIT-US02-24469A-12	Sequence 12, Appl
77	11 68.8	4	1	PCIT-US02-24469A-16	Sequence 16, Appl
78	11 68.8	4	1	PCIT-US02-00667A-73	Sequence 73, Appl
79	11 68.8	4	4	US-08-832-443C-27	Sequence 27, Appl
80	11 68.8	4	4	US-08-908-416B-117	Sequence 117, Ap
81	11 68.8	4	4	US-08-908-416B-122	Sequence 122, Ap
82	11 68.8	4	4	US-08-908-416B-127	Sequence 127, Ap
83	11 68.8	4	4	US-08-908-416B-132	Sequence 132, Ap
84	11 68.8	4	4	US-08-908-416B-137	Sequence 137, Ap
85	11 68.8	4	4	US-08-908-416B-142	Sequence 142, Ap
86	11 68.8	4	4	US-09-618-919A-23	Sequence 23, Appl
87	11 68.8	4	4	US-09-618-919A-24	Sequence 24, Appl
88	11 68.8	4	4	US-09-721-456A-171	Sequence 171, Appl
89	11 68.8	4	4	US-09-783-130A-7	Sequence 7, Appl
90	11 68.8	4	5	US-09-402-923A-46	Sequence 46, Appl
91	11 68.8	4	5	US-09-556-972-15	Sequence 15, Appl
92	11 68.8	4	5	US-09-270-983-6	Sequence 6, Appl
93	11 68.8	4	5	US-09-368-633B-41	Sequence 41, Appl
94	11 68.8	4	5	US-09-134-803A-7	Sequence 7, Appl
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97	11 68.8	4	5		
98	11 68.8	4	5		
99	11 68.8	4	5		

100 11 68.8 4 5 US-09-134-803A-31 Sequence 31, Appl

ALIGNMENTS

RESULT 1

PCT-US02-35066-1
; Sequence 1, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-1

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
Db 1 RW 2

RESULT 2

PCT-US02-35066-2
; Sequence 2, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-2

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
Db 1 RW 2

RESULT 3
PCT-US02-35066-3
; Sequence 3, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated

; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-3

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
Db 1 RW 2

RESULT 4

PCT-US02-35066-4
; Sequence 4, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-4

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
Db 2 RW 3

RESULT 5

PCT-US02-35066-5
; Sequence 5, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 4

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; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-5
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Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY      1 RW 2
        ||
Db       1 RW 2
```

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RESULT 6
PCT-US02-35066-6
; Sequence 6, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
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; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-6
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Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 RW 2
        ||
Db       3 RW 4
```

```
RESULT 7
PCT-US02-35066-8
; Sequence 8, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
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; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-8
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Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 RW 2
```

```
Db       1 RW 2
```

```
RESULT 8
PCT-US02-35066-9
; Sequence 9, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
```

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; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-9
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Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY      1 RW 2
        ||
Db       1 RW 2
```

```
RESULT 9
PCT-US02-35066-10
; Sequence 10, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
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; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-10
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```
Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 RW 2
        ||
Db       1 RW 2
```

```
RESULT 10
PCT-US02-35066-11
; Sequence 11, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
```

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; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-11
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; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-11

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
Db 1 RW 2

RESULT 11
PCT-US02-35066-12
; Sequence 12, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-12

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
Db 1 RW 2

RESULT 12
PCT-US02-35066-13
; Sequence 13, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-13

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
Db 1 RW 2

RESULT 13
PCT-US02-35066-14
; Sequence 14, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-14

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
Db 1 RW 2

RESULT 14
PCT-US02-35066-15
; Sequence 15, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-15

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
Db 1 RW 2
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RESULT 15
PCT-US02-35066-16
Sequence 16, Application PC/TUS0235066
GENERAL INFORMATION:
APPLICANT: Hercules Incorporated
TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
FILE REFERENCE: 10209
CURRENT APPLICATION NUMBER: PCT/US02/35066
CURRENT FILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 10/005,931
PRIOR FILING DATE: 2001-11-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-16

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
DB 1 RW 2

RESULT 16
PCT-US02-35066-17
Sequence 17, Application PC/TUS0235066
GENERAL INFORMATION:
APPLICANT: Hercules Incorporated
TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
FILE REFERENCE: 10209
CURRENT APPLICATION NUMBER: PCT/US02/35066
CURRENT FILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 10/005,931
PRIOR FILING DATE: 2001-11-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-17

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
DB 1 RW 2

RESULT 17
PCT-US02-35066-18
Sequence 18, Application PC/TUS0235066
GENERAL INFORMATION:
APPLICANT: Hercules Incorporated
TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B
FILE REFERENCE: 10209
CURRENT APPLICATION NUMBER: PCT/US02/35066

CURRENT FILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 10/005,931
PRIOR FILING DATE: 2001-11-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-18

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
DB 1 RW 2

RESULT 18
PCT-US02-35066-19
Sequence 19, Application PC/TUS0235066
GENERAL INFORMATION:
APPLICANT: Hercules Incorporated
TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
FILE REFERENCE: 10209
CURRENT APPLICATION NUMBER: PCT/US02/35066
CURRENT FILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 10/005,931
PRIOR FILING DATE: 2001-11-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-19

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
DB 1 RW 2

RESULT 19
PCT-US02-35066-20
Sequence 20, Application PC/TUS0235066
GENERAL INFORMATION:
APPLICANT: Hercules Incorporated
TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
FILE REFERENCE: 10209
CURRENT APPLICATION NUMBER: PCT/US02/35066
CURRENT FILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 10/005,931
PRIOR FILING DATE: 2001-11-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptide

```
FEATURE:
; NAME/KEY: misc-feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: Xaa is Na1
PCT-US02-35066-20

Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 1 RW 2

RESULT 20
PCT-US02-35066-21
; Sequence 21, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B1
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; PRIOR FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-21

Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 1 RW 2

RESULT 21
PCT-US02-35066-22
; Sequence 22, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with B1
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; PRIOR FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-22

Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
```

```
Db 1 RW 2

RESULT 22
PCT-US02-35066-23
; Sequence 23, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; PRIOR FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-23

Query Match          100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 1 RW 2

RESULT 23
US-09-763-293A-13
; Sequence 13, Application US/09763293A
; GENERAL INFORMATION:
; APPLICANT: LIDER, Ofer
; APPLICANT: ARIEL, Amiram
; APPLICANT: HERSHKOVITZ, Rami
; APPLICANT: YAVIN, Eran J.
; TITLE OF INVENTION: Anti-inflammatory peptides derived from IL-2 and
; FILE REFERENCE: LIDER-1
; CURRENT APPLICATION NUMBER: US/09/763,293A
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: PCT/IL99/00448
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-763-293A-13

Query Match          100.0%; Score 16; DB 5; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 1 RW 2

RESULT 24
US-09-841-407A-2
; Sequence 2, Application US/09841407A
```

```
; GENERAL INFORMATION:
; APPLICANT: Juirisson, Silvia
; APPLICANT: Giblin, Michael
; APPLICANT: Oulim, Thomas
; TITLE OF INVENTION: MELANOROPIN ANALOGS FOR POTENTIAL RADIOPHARMACEUTICALS FOR DIAGN
; TITLE OF INVENTION: TREATMENT OF MELANOMA
; FILE REFERENCE: 0994.00130
; CURRENT APPLICATION NUMBER: US/09/841,407A
; CURRENT FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: 09/070,276
; PRIOR FILING DATE: 1998-04-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 4
; TYPE: PRT
; ORGANISM: homo sapien
US-09-841-407A-2
```

```
Query Match 100.0%; Score 16; DB 5; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1 RW 2
||
DB 3 RW 4
```

```
RESULT 25
US-09-720-278A-24
; Sequence 24, Application US/09720278A
; GENERAL INFORMATION:
; APPLICANT: Swart, Pieter Jacob
; APPLICANT: Kuipers, Maria Elizabeth
; APPLICANT: Meijer, Dirk Klaas Fokke
; APPLICANT: Hageman, Robert Johan Joseph
; APPLICANT: Van Den Berg, Jeroen Johannes Maria
; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or
; TITLE OF INVENTION: Preventing surface infections caused by microorganisms
; FILE REFERENCE: 702-002214
; CURRENT APPLICATION NUMBER: US/09/720,278A
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: PCT/EP99/04067
; PRIOR FILING DATE: 1999-06-28
; PRIOR APPLICATION NUMBER: EP 98203765.7
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: NL 1010284
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: NL 1009505
; PRIOR FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Microsoft Word 97 SR-2
; SEQ ID NO 24
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-24
```

```
Query Match 100.0%; Score 16; DB 5; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1 RW 2
||
DB 2 RW 3
```

```
RESULT 26
US-09-720-278A-28
; Sequence 28, Application US/09720278A
; GENERAL INFORMATION:
```

```
; APPLICANT: Swart, Pieter Jacob
; APPLICANT: Kuipers, Maria Elizabeth
; APPLICANT: Meijer, Dirk Klaas Fokke
; APPLICANT: Hageman, Robert Johan Joseph
; APPLICANT: Van Den Berg, Jeroen Johannes Maria
; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or
; TITLE OF INVENTION: Preventing surface infections caused by microorganisms
; FILE REFERENCE: 702-002214
; CURRENT APPLICATION NUMBER: US/09/720,278A
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: PCT/EP99/04067
; PRIOR FILING DATE: 1999-06-28
; PRIOR APPLICATION NUMBER: EP 98203765.7
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: NL 1010284
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: NL 1009505
; PRIOR FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Microsoft Word 97 SR-2
; SEQ ID NO 28
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-28
```

```
Query Match 100.0%; Score 16; DB 5; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1 RW 2
||
DB 2 RW 3
```

```
RESULT 27
US-10-099-056-2659
; Sequence 2659, Application US/10099056
; GENERAL INFORMATION:
; APPLICANT: Hydrigenics
; APPLICANT: Pierre Legrain
; TITLE OF INVENTION: More and more protein-protein interactions in adipocyte cells
; FILE REFERENCE: B4838A
; CURRENT APPLICATION NUMBER: US/10/099,056
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,734
; PRIOR FILING DATE: 2001/03/14
; NUMBER OF SEQ ID NOS: 2850
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2659
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: Translation of SEQ ID NO:691
US-10-099-056-2659
```

```
Query Match 100.0%; Score 16; DB 6; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1 RW 2
||
DB 2 RW 3
```

```
RESULT 28
US-09-720-278A-1
; Sequence 1, Application US/09720278A
; GENERAL INFORMATION:
; APPLICANT: Swart, Pieter Jacob
```

```
;; APPLICANT: Kuipers, Maria Elizabeth
;; APPLICANT: Meijer, Dirk Klaas Fokke
;; APPLICANT: Hageman, Robert Johan Joseph
;; APPLICANT: Van den Berg, Jeroen Johannes Maria
;; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or
;; TITLE OF INVENTION: preventing surface infections caused by microorganisms
;; FILE REFERENCE: 702-002214
;; CURRENT APPLICATION NUMBER: US/09/720, 278A
;; CURRENT FILING DATE: 2001-05-24
;; PRIOR APPLICATION NUMBER: PCT/EP99/04067
;; PRIOR FILING DATE: 1999-06-28
;; PRIOR APPLICATION NUMBER: EP 98203765.7
;; PRIOR FILING DATE: 1998-11-06
;; PRIOR APPLICATION NUMBER: NL 1010284
;; PRIOR FILING DATE: 1998-10-09
;; PRIOR APPLICATION NUMBER: NL 1009505
;; NUMBER OF SEQ ID NOS: 28
;; SOFTWARE: Microsoft Word 97 SR-2
;; SEQ ID NO 1
;; LENGTH: 5
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-1
```

```
Query Match      100.0%; Score 16; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 RW 2
        11
DB      1 RW 2
```

```
RESULT 29
US-09-720-278A-5
;; Sequence 5, Application US/09720278A
;; GENERAL INFORMATION:
;; APPLICANT: Swart, Pieter Jacob
;; APPLICANT: Kuipers, Maria Elizabeth
;; APPLICANT: Meijer, Dirk Klaas Fokke
;; APPLICANT: Hageman, Robert Johan Joseph
;; APPLICANT: Van den Berg, Jeroen Johannes Maria
;; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or
;; TITLE OF INVENTION: preventing surface infections caused by microorganisms
;; FILE REFERENCE: 702-002214
;; CURRENT APPLICATION NUMBER: US/09/720, 278A
;; CURRENT FILING DATE: 2001-05-24
;; PRIOR APPLICATION NUMBER: PCT/EP99/04067
;; PRIOR FILING DATE: 1999-06-28
;; PRIOR APPLICATION NUMBER: EP 98203765.7
;; PRIOR FILING DATE: 1998-11-06
;; PRIOR APPLICATION NUMBER: NL 1010284
;; PRIOR FILING DATE: 1998-10-09
;; PRIOR APPLICATION NUMBER: NL 1009505
;; NUMBER OF SEQ ID NOS: 28
;; SOFTWARE: Microsoft Word 97 SR-2
;; SEQ ID NO 5
;; LENGTH: 5
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-5
```

```
Query Match      100.0%; Score 16; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 RW 2
```

```
DB      1 RW 2
        11
US-09-720-278A-23
;; Sequence 23, Application US/09720278A
;; GENERAL INFORMATION:
;; APPLICANT: Swart, Pieter Jacob
;; APPLICANT: Kuipers, Maria Elizabeth
;; APPLICANT: Meijer, Dirk Klaas Fokke
;; APPLICANT: Hageman, Robert Johan Joseph
;; APPLICANT: Van den Berg, Jeroen Johannes Maria
;; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or
;; TITLE OF INVENTION: preventing surface infections caused by microorganisms
;; FILE REFERENCE: 702-002214
;; CURRENT APPLICATION NUMBER: US/09/720, 278A
;; CURRENT FILING DATE: 2001-05-24
;; PRIOR APPLICATION NUMBER: PCT/EP99/04067
;; PRIOR FILING DATE: 1999-06-28
;; PRIOR APPLICATION NUMBER: EP 98203765.7
;; PRIOR FILING DATE: 1998-11-06
;; PRIOR APPLICATION NUMBER: NL 1010284
;; PRIOR FILING DATE: 1998-10-09
;; PRIOR APPLICATION NUMBER: NL 1009505
;; NUMBER OF SEQ ID NOS: 28
;; SOFTWARE: Microsoft Word 97 SR-2
;; SEQ ID NO 23
;; LENGTH: 5
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-23
```

```
Query Match      100.0%; Score 16; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      1 RW 2
        11
DB      2 RW 3
```

```
RESULT 31
US-09-720-278A-27
;; Sequence 27, Application US/09720278A
;; GENERAL INFORMATION:
;; APPLICANT: Swart, Pieter Jacob
;; APPLICANT: Kuipers, Maria Elizabeth
;; APPLICANT: Meijer, Dirk Klaas Fokke
;; APPLICANT: Hageman, Robert Johan Joseph
;; APPLICANT: Van den Berg, Jeroen Johannes Maria
;; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or
;; TITLE OF INVENTION: preventing surface infections caused by microorganisms
;; FILE REFERENCE: 702-002214
;; CURRENT APPLICATION NUMBER: US/09/720, 278A
;; CURRENT FILING DATE: 2001-05-24
;; PRIOR APPLICATION NUMBER: PCT/EP99/04067
;; PRIOR FILING DATE: 1999-06-28
;; PRIOR APPLICATION NUMBER: EP 98203765.7
;; PRIOR FILING DATE: 1998-11-06
;; PRIOR APPLICATION NUMBER: NL 1010284
;; PRIOR FILING DATE: 1998-10-09
;; PRIOR APPLICATION NUMBER: NL 1009505
;; NUMBER OF SEQ ID NOS: 28
;; SOFTWARE: Microsoft Word 97 SR-2
;; SEQ ID NO 27
;; LENGTH: 5
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
```

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-27

Query Match 100.0%; Score 16; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
DB 2 RW 3

RESULT 32
US-09-636-243B-56
Sequence 56, Application US/09636243B
GENERAL INFORMATION:
APPLICANT: WANG, Bryan S.
APPLICANT: PABO, Carl O.
TITLE OF INVENTION: DIMERIZING PEPTIDES
FILE REFERENCE: 8325-1004 / M4-US1
CURRENT APPLICATION NUMBER: US/09/636,243B
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148,422
PRIOR FILING DATE: 1999-08-11
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 56
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sequential
US-09-636-243B-56

Query Match 100.0%; Score 16; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
DB 2 RW 3

RESULT 33
US-09-636-243B-57
Sequence 57, Application US/09636243B
GENERAL INFORMATION:
APPLICANT: WANG, Bryan S.
APPLICANT: PABO, Carl O.
TITLE OF INVENTION: DIMERIZING PEPTIDES
FILE REFERENCE: 8325-1004 / M4-US1
CURRENT APPLICATION NUMBER: US/09/636,243B
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148,422
PRIOR FILING DATE: 1999-08-11
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 57
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sequential
US-09-636-243B-57

Query Match 100.0%; Score 16; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2

DB 2 RW 3

RESULT 34
US-10-174-717A-43
Sequence 43, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSO Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION/DOCKET NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109,034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-10-174-717A-43

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
||
DB 2 RW 3

RESULT 35
US-10-174-717A-44
Sequence 44, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Vikingsins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 44:
US-10-174-717A-44
Query Match
Best Local Similarity 100.0%; Score 16; DB 6; Length 5;
Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
11
DB 2 RW 3
RESULT 36
US-10-174-717A-46
Sequence 46, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Vikingsins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4

TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-10-174-717A-46
Query Match
Best Local Similarity 100.0%; Score 16; DB 6; Length 5;
Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
11
DB 2 RW 3
RESULT 37
US-10-174-717A-59
Sequence 59, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Vikingsins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-10-174-717A-59

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
11
DB 1 RW 2

RESULT 38
US-10-174-717A-67
Sequence 67, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 67:
US-10-174-717A-67
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
11
DB 2 RW 3

STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-10-174-717A-74
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
11
DB 2 RW 3
RESULT 40
US-10-174-717A-76
Sequence 76, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410

FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 76:
US-10-174-717A-76

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
11
DB 2 RW 3

RESULT 41
US-10-174-717A-78
Sequence 78, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO

FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-10-174-717A-78

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
11
DB 2 RW 3

RESULT 42
US-10-174-717A-80
Sequence 80, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-10-174-717A-80

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2
11
DB 3 RW 4

RESULT 43
US-10-174-717A-82
Sequence 82, Application US/10174717A

APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FastSeq Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 82:
US-10-174-717A-82
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 2 RW 3
RESULT 44
US-10-174-717A-84
Sequence 84, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FastSeq Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A

FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 84:
US-10-174-717A-84
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 2 RW 3
RESULT 45
US-10-174-717A-86
Sequence 86, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FastSeq Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid

```

: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: Internal
: ORIGINAL SOURCE:
: SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-10-174-717A-86

Query Match          100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 3 RW 4

RESULT 46
US-10-174-717A-88
: Sequence 88, Application US/10174717A
: APPLICANT: Koide, Shohel
: TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
: NUMBER OF SEQUENCES: 118
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
: STREET: 121 South Eighth Street, St. 1600
: CITY: Minneapolis
: STATE: MN
: COUNTRY: USA
: ZIP: 55402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: OPERATING SYSTEM: WINDOWS
: SOFTWARE: FastSeq Version 2.0b
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/10/174,717A
: FILING DATE: 18-Jun-2002
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 09/096,749
: FILING DATE: June 12, 1998
: APPLICATION NUMBER: 60/049,410
: FILING DATE: June 12, 1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Ann S. Viksnins
: REGISTRATION NUMBER: 37,748
: REFERENCE/DOCKET NUMBER: 109.034US4
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (612) 373-6900
: TELEFAX: (612) 339-3061
: INFORMATION FOR SEQ ID NO: 88:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 5 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: Internal
: ORIGINAL SOURCE:
: SEQUENCE DESCRIPTION: SEQ ID NO: 88:
US-10-174-717A-88

Query Match          100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 3 RW 4
```

```

: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: Internal
: ORIGINAL SOURCE:
: SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-10-174-717A-86

Query Match          100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 3 RW 4

RESULT 47
US-10-174-717A-90
: Sequence 90, Application US/10174717A
: APPLICANT: Koide, Shohel
: TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
: NUMBER OF SEQUENCES: 118
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
: STREET: 121 South Eighth Street, St. 1600
: CITY: Minneapolis
: STATE: MN
: COUNTRY: USA
: ZIP: 55402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: OPERATING SYSTEM: WINDOWS
: SOFTWARE: FastSeq Version 2.0b
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/10/174,717A
: FILING DATE: 18-Jun-2002
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 09/096,749
: FILING DATE: June 12, 1998
: APPLICATION NUMBER: 60/049,410
: FILING DATE: June 12, 1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Ann S. Viksnins
: REGISTRATION NUMBER: 37,748
: REFERENCE/DOCKET NUMBER: 109.034US4
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (612) 373-6900
: TELEFAX: (612) 339-3061
: INFORMATION FOR SEQ ID NO: 90:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 5 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: FRAGMENT TYPE: Internal
: ORIGINAL SOURCE:
: SEQUENCE DESCRIPTION: SEQ ID NO: 90:
US-10-174-717A-90

Query Match          100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
Db 2 RW 3

RESULT 48
US-10-174-717A-92
: Sequence 92, Application US/10174717A
: APPLICANT: Koide, Shohel
: TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
: NUMBER OF SEQUENCES: 118
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
: STREET: 121 South Eighth Street, St. 1600
: CITY: Minneapolis
: STATE: MN
: COUNTRY: USA
: ZIP: 55402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
```

COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 92:
US-10-174-717A-92

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
11
DB 3 RW 4

RESULT 49
US-10-174-717A-102
Sequence 102, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-10-174-717A-104

TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-10-174-717A-102

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
11
DB 3 RW 4

RESULT 50
US-10-174-717A-104
Sequence 104, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viksnins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-10-174-717A-104

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;

Matches	2;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	RW	2						
Db	2	RW	3						

Search completed: February 21, 2003, 12:37:10
job time : 57 secs